



COUNTY OF LOS ANGELES
DEPARTMENT OF PUBLIC WORKS

"To Enrich Lives Through Effective and Caring Service"

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GAIL FARBER, Director

January 04, 2011

The Honorable Board of Supervisors
County of Los Angeles
383 Kenneth Hahn Hall of Administration
500 West Temple Street
Los Angeles, California 90012

Dear Supervisors:

ADOPTED

BOARD OF SUPERVISORS
COUNTY OF LOS ANGELES

18 JANUARY 4, 2011

Sachi A. Hamai
SACHI A. HAMAI
EXECUTIVE OFFICER

**AUTHORIZE THE COUNTY PURCHASING AGENT TO
PROCEED WITH THE ACQUISITION OF
MAINTENANCE EQUIPMENT
(ALL SUPERVISORIAL DISTRICTS)
(3 VOTES)**

SUBJECT

This action authorizes the Internal Services Department, as the County Purchasing Agent, to proceed with the solicitation and purchase of 47 maintenance equipment items for the Department of Public Works as noted below. The unit price for each of these items may exceed the \$250,000 fixed asset threshold established by your Board and requires your approval to move forward with the solicitation and acquisition process.

IT IS RECOMMENDED THAT YOUR BOARD:

Authorize the County Purchasing Agent to proceed with the solicitation and acquisition of 47 maintenance equipment items for the Department of Public Works. The cost of the acquisitions is included in the Department of Public Works' Fiscal Year 2010-11 Internal Service Fund Fixed Asset Equipment appropriation.

PURPOSE/JUSTIFICATION OF RECOMMENDED ACTION

The purpose of the recommended action is to comply with the County of Los Angeles Equipment Policy (Policy) that your Board adopted on October 16, 2001. The Policy requires your Board's approval prior to County departments purchasing equipment with a unit cost of \$250,000 or greater.

We are requesting your Board to authorize the Internal Services Department, as the County Purchasing Agent, to approve the solicitation for bids to acquire 47 maintenance equipment items:

Truck, Snow Blower, 4x4
Shot Blaster, Model 2-4800 DHLL
Two Trucks, Dump, 10-yard
Paint Removal Truck, Stripe HOG
Two Street Sweepers, Power
Street Sweeper, 4-wheel
Truck, Dump, Grade 1, Diesel with Blade and Slide-in Sander
Truck, Snow Plow, 4x4, Manual, with Blade and Slide-In Sander
Truck, Dump, 10-yard with Blade, 4x4, Compressed Natural Gas
Truck, Crane, 20-30 Tons, Hydraulic with Supplemental Spool
Truck, Vactor (Hydro and Vacuum)
Truck, Jetter
Combination Truck, Vactor (Hydro and Vacuum)
Slurry Truck
Truck, Snow Plow, 4x4, with Dump Bed, Diesel-Powered
Loader, Wheel, 4-cubic yard
Dozer D5, with Dual Slope Boards and Ripper
Two Loaders, Wheel, 2 3/4-yard, with Clam Bucket and Forklift Attachment
Two Motor Graders, Tandem, with 14-foot Blade and Scarifier
Two Sweepers, Street, 4-wheel
Truck, Dump, with Chipper Body and Aerial Lift
Truck, Dump, Grade 1, Diesel, with Blade and Slide-In Sander
Tractor, Loader/Backhoe, 4x4, Large with Attachments
Loader, Wheel, 1 3/4-yard, Hydraulic Pavement Grinder
Layton, 560R Paver, 14-foot
Three Motor Graders, Tandem, with 14-foot Blade and Scarifier
Two Sweepers, Street, Power
Loader/Backhoe, with Attachment (Impactor, Auger, and 4 Buckets)
Two Loaders, Wheel, 1 1/2-yard
Truck, Dump, 10-yard, Diesel
Two Water Trucks, 3500 Gallon
Two Loaders/Backhoe with Attachments
Truck, Paint Striping
Chipper Spreader
Wheel Loader 3-cubic yard
Vactor Truck (Hydro and Vacuum)

This equipment is essential to support disaster response; sewer maintenance emergency call-outs; maintenance and repair of roads, channels, debris basins; and vegetation management. This equipment will also comply with and meet Air Quality Management District standards.

Implementation of Strategic Plan Goals

The Countywide Strategic Plan directs the provision of Operational Effectiveness (Goal 1), Community and Municipal Services (Goal 3), and Public Safety (Goal 5). This action will enable the Department of Public Works (Public Works) to continue to provide County

residents with enhanced, responsive, and efficient maintenance services.

Strategic Asset Management Principles Compliance

The Countywide Strategic Plan directs the provision of Operational Effectiveness (Goal 1), Community and Municipal Services (Goal 3), and Public Safety (Goal 5). This action will enable the Department of Public Works (Public Works) to continue to provide County residents with enhanced, responsive, and efficient maintenance services.

FISCAL IMPACT/FINANCING

There will be no impact to the County General Fund.

The cost for this acquisition is estimated to be \$17,232,000. Financing is included in Public Works' Fiscal Year 2010-11 Internal Service Fund Fixed Asset Equipment appropriation.

FACTS AND PROVISIONS/LEGAL REQUIREMENTS

On October 16, 2001, your Board adopted a Policy whereby departments must obtain Board approval to purchase equipment with a unit cost of \$250,000 or greater prior to submitting their requisitions for purchasing. Enclosed is a list of the item number, description, financial information, and justification for each maintenance equipment requiring authorization to solicit bids. Although a few items are budgeted below \$250,000, the bid may exceed that limit.

ENVIRONMENTAL DOCUMENTATION

In accordance with Section 15378 of the California Environmental Quality Act (CEQA) Guidelines, approval of the recommended action does not constitute a project and, hence, is not subject to the requirements of CEQA.

CONTRACTING PROCESS

This is a commodity purchase under the statutory authority of the County Purchasing Agent. The purchase will be requisitioned through, and accomplished by, the Purchasing Agent in accordance with the County's purchasing policies and procedures.

IMPACT ON CURRENT SERVICES (OR PROJECTS)

Approval of this request will enable Public Works to replace outdated maintenance equipment and continue to provide critical maintenance services to County residents in a more efficient manner.

The Honorable Board of Supervisors

1/4/2011

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CONCLUSION

Please return three adopted copies of this letter to the Department of Public Works, Fleet Management Group.

Respectfully submitted,

A handwritten signature in cursive script that reads "Gail Farber".

GAIL FARBER

Director

GF:MS:ss

Enclosures

c: Chief Executive Office (Rita Robinson)
County Counsel
Executive Office
Internal Services Department

**DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2010-11 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

Enclosure

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
1	Truck, Snow Blower, 4x4	\$660,000	This replacement item is an essential part of Road Maintenance Division (RMD) and will assist in the removal of snow in areas where collection of snow is too deep or heavy for a snow plow to effectively push or in areas where insufficient shoulder area exists to accommodate the plowed snow. This is the only alternative for these situations.
2	Shot Blaster, Model 2-4800 DHLL	\$575,000	This item is extremely important and will be used primarily to prepare concrete bridge decks for sealing, which prevents water intrusion and protects reinforcing steel from corrosion. Deck sealing is important for preventative maintenance work that often removes a bridge's "Structurally Deficient" rating and can significantly extend the service life of concrete bridges.
3-4	Two Trucks, Dump, 10-yard	\$242,000 (each)	These replacement items are used on daily routines for vegetation, debris hauling, and material delivering. Although stake dumps have served us well, they have limited capacity for hauling large amounts of debris and sediment compared to the 10-yard dump truck. The dump truck will be used daily to haul equipment and construction material to and from jobsites.

**DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2010-11 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

Enclosure

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
5	Paint Removal Truck, Stripe HOG	\$737,000	This item is needed to comply with the Air Quality Management District's (AQMD) rules regarding fugitive dust. This vehicle provides a paint removal system by pressurized water, which eliminates fugitive dust and the need for personnel to sweep up debris. This vehicle removes the paint and separates the liquid from the solids in one combined operation. Currently paint is removed by hand grinders and skid steer loaders with a grinder attachment. It is very hard to control the dust, and it takes several employees to sweep and shovel up the grindings for proper disposal.
6-7	Two Street Sweepers, Power	\$250,000 (each)	These replacement items are utilized in RMD's Street Sweeping Program. The program supports clean streets and aids in meeting the National Pollutant Discharge Elimination System (NPDES) requirements to reduce pollutant discharge to streams and rivers in the County.
8	Street Sweeper, 4-wheel	\$250,000	This replacement item is utilized in RMD's Street Sweeping Program. The program supports clean streets and aids in meeting NPDES requirements to reduce pollutant discharge to streams and rivers in the County.
9	Truck, Dump, Grade 1, Diesel with Blade and Slide-in Sander	\$240,000	This replacement item is utilized as part of road maintenance and provides services in vegetation management, storm damage operations, hauling of debris and assorted materials, and conducting drain cleanouts.

DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2010-11 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE

Enclosure

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
10	Truck, Snow Plow, 4x4, Manual, with Blade and Slide-In Sander	\$425,000	This replacement item is an essential part of road maintenance and will remove collections of snow from the roadway. This is the most efficient piece of equipment for this purpose. Snow plows have the added benefit of having a sander attached to the back of the vehicle, which allows them to sand the roadway right after or during the plowing operation.
11	Truck, Dump, 10-yard with Blade, 4x4, Compressed Natural Gas	\$240,000	This replacement item is equipped with a snow and debris clearing plow for use in clearing the roads of snow, ice, and storm debris.
12	Truck, Crane, 20-30 Tons, Hydraulic with Supplemental Spool	\$850,000	This replacement item is a truck, crane, 20-30 tons, hydraulic with supplemental spool. It will replace one of our 23-year-old Little Giant 30-ton crane, which is vital to RMD operations. It will provide emergency and nonemergency work; loading and unloading; and move extremely heavy, bulky, or hard-to-handle objects, materials, machinery, small buildings, and storage containers. It will handle lifts, placement, or removal of objects not accessible by standard equipment due to heights, depths, weight, or inaccessible areas.

DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2010-11 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE

Enclosure

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
13	Truck, Vactor (Hydro and Vacuum)	\$492,000	This replacement item is a critical item that will ensure we meet the Environmental Protection Agency's NDPES requirements. This emergency response unit will vacuum the overflow of sewers, returning it during and after the main line overflow has been relieved. This is a high-usage vehicle and is used for the daily operation in jetting and vacuuming main line sewers, as well as pump stations.
14	Truck, Jetter	\$380,000	This replacement item is a primary work unit for Sewer Maintenance Division. It is used for most emergency service calls such as grease, sand, odor, and root stoppage, as well as for cleaning requests submitted by our preventative maintenance inspection crews.
15	Combination Truck, Vactor (Hydro and Vacuum)	\$372,000	This replacement item is needed to comply with State-mandated Waste Discharge Requirements (WDR). The primary purpose is for emergency response to sanitary sewer overflows to contain the overflow and return it to the sewer during and after the overflow has been relieved. Secondary purpose is for support of daily maintenance operations, including jetting and vacuuming main line sewers, as well as pump stations.

**DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2010-11 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

Enclosure

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
16	Slurry Truck	\$700,000	This replacement item is an essential part of the RMD Slurry Program. The County maintains approximately 3200 center lane miles. As a preventative measure, this truck will allow slurry projects to be carried more efficiently and provide a more proactive treatment in preserving and protecting our pavement. The application of slurry seal will significantly extend the life of the existing pavement.
17	Truck, Snow Plow, 4x4, with Dump Bed, Diesel-Powered	\$450,000	This replacement item is an essential part of road maintenance and will remove collections of snow from the roadway. This is the most efficient piece of equipment for this purpose. Snow plows have the added benefit of having a sander attached to the back of the vehicle, which allows them to sand the roadway right after or during the plowing operation.
18	Loader, Wheel, 4-cubic yard	\$425,000	This replacement item is an essential part of road maintenance and extremely important for the removal of debris, snow, ice, and sloughage; loading and unloading; handling materials, tools, and heavy objects during construction; and removal and loading concrete and asphalt demolition during storms.

**DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2010-11 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

Enclosure

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
19	Dozer D5, with Dual Slope Boards and Ripper	\$390,000	This replacement item is utilized throughout the County by RMD, Mountain Operations Section, to repair road and slope failures during storms and disasters, manage materials and stock pile sites, removing slides and debris from roadways, pioneering excavations, trail work, brushing operations for construction sites, finish dirt grade work, steep slope and confined areas, and construction and maintenance of access drains for cleanout activities.
20-21	Two Loaders, Wheel, 2 3/4-yard, with Clam Bucket and Forklift Attachment	\$350,000 (each)	These replacement items are utilized for both routine maintenance operations (shoulder and dirt road grading, drainage clean out, snow removal) and storm emergencies (slide removal, guardrail repairs). They are needed for excavating asphalt and concrete, loading debris or road materials including dirt and brush onto dump trucks.
22-23	Two Motor Graders, Tandem, with 14-foot Blade and Scarifier	\$345,000 (each)	These replacement items are utilized by RMD and will be used primarily for the grading of dirt roads and shoulders and placing and shaping asphalt. These motor grader units represent a basic need for RMD to effectively perform required services.
24-25	Two Sweepers, Street, 4-wheel	\$310,000 (each)	These replacement items are utilized in RMD's Street Sweeping Program. The program supports clean streets and aids in meeting NPDES requirements to reduce pollutant discharge to streams and rivers in the County.

**DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2010-11 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

Enclosure

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
26	Truck, Dump, with Chipper Body and Aerial Lift	\$280,000	This replacement item will be equipped with a chip dump box and aerial lift. This will ensure that employees are operating safe and serviceable equipment in the performance of the tree trimming services required to maintain County roads and right of ways.
27	Truck, Dump, Grade 1, Diesel, with Blade and Slide-In Sander	\$270,000	This replacement item is utilized as part of road maintenance and provides services in vegetation management, storm damage operations, hauling of debris and assorted materials, and conducting drain cleanouts.
28	Tractor, Loader/Backhoe, 4x4, Large with Attachments	\$250,000	This replacement item will be utilized throughout the County by RMD for emergency repair of damaged guardrail and end treatments, installation of new guardrail, boring and trenching for construction projects, digging operations around above and underground utilities, yearly maintenance, as well as storm-related cleaning of drains and debris removal on roadways; lifting, handling, loading and unloading construction materials; demolition of concrete and asphalt, compaction of trenches and slopes, and excavation for construction and maintenance projects.

**DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2010-11 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

Enclosure

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
29	Loader, Wheel, 1 3/4-yard, Hydraulic Pavement Grinder	\$245,000	This replacement item will be utilized for both routine maintenance operations (shoulder and dirt road grading, drainage clean out, snow removal) and storm emergencies (slide removal, guardrail repairs). It is needed for excavating asphalt and concrete, loading debris or road materials, including dirt and brush onto dump trucks. The unit will be equipped with a hydraulically driven grinder attachment for removing stripes and for preparing and profiling the road surface.
30	Layton, 560R Paver, 14-foot	\$480,000	This replacement item will be utilized in RMD's Pavement Maintenance Program. The acquisition of a paver, which will be shared by several maintenance districts, will allow Public Works to respond with a RMD crew to necessary road repairs without delay. This acquisition will promote necessary pavement repairs within the County.
31-33	Three Motor Graders, Tandem, with 14-foot Blade and Scarifier	\$345,000 (each)	These replacement items are part of road maintenance and will be used primarily for shoulder and dirt road grading and placing and shaping asphalts. These motor grader units represent a basic need for RMD to effectively perform required services.

**DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2010-11 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

Enclosure

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
34-35	Two Sweepers, Street, Power	\$320,000 (each)	These replacement items are utilized in RMD's Street Sweeping Program. The program supports clean streets and aids in meeting NPDES requirements to reduce pollutant discharge to streams and rivers in the County.
36	Loader/Backhoe, with Attachment (Impactor, Auger, and 4 Buckets)	\$300,000	This replacement item is utilized by RMD for routine maintenance operations, including shoulder and dirt road grading; drainage clean out; snow removal; and storm emergencies such as slide removal, damaged guardrail, and end treatments, as well as installation of new guardrail; boring and trenching for construction projects; digging operations around and above underground utilities; debris removal on roadways; and lifting, loading, and unloading concrete, asphalt, and construction materials. It is also used for excavating asphalt and concrete.
37-38	Two Loaders, Wheel, 1 1/2-yard	\$300,000 (each)	These replacement items are an essential part of road maintenance and extremely important for the removal of debris, snow, ice, and sloughage; loading and unloading; handling materials, tools, and heavy objects during construction; and removal and loading concrete and asphalt demolition during storms.

**DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2010-11 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

Enclosure

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
39	Truck, Dump, 10-yard, Diesel	\$267,000	This replacement item is used on daily routines for vegetation, debris hauling, and material delivering. Although stake dumps have served us well, they have limited capacity for hauling large amounts of debris and sediment compared to the 10-yard dump truck. This will be used daily to haul equipment and construction material to and from jobsites.
40-41	Two Water Trucks, 3500 Gallon	\$350,000 (each)	These items are used on a daily basis in flushing road drains, watering trees, and shoulder and dirt road grading operations. AQMD has enacted Rule 403 - Fugitive Dust, which requires that we use some type of dust control such as watering during our routine maintenance operations or face fines for excessive dust generation. In addition, Forestry requires (fire control) the use of water trucks during slope mowing operations in the mountainous areas to prevent fires.
42-43	Two Loaders/Backhoe with Attachments	\$300,000 (each)	These items will be utilized throughout the County by RMD for emergency repair of damaged guardrail and end treatments, installation of new guardrail, boring and trenching for construction projects, digging operations around above and underground utilities, yearly maintenance, as well as storm-related cleaning of drains and debris removal on roadways; lifting, handling, loading and unloading construction materials; demolition of concrete and asphalt, compaction of trenches and slopes, and excavation for construction and maintenance projects.

**DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2010-11 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

Enclosure

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
44	Truck, Paint Striping	\$360,000	This item is needed for striping maintenance and installation as a result of establishing a subyard in the Santa Clarita Valley area. We have studied the feasibility of increasing our emphasis in the Santa Clarita Valley for quite some time and have determined that by doing so we can more effectively and efficiently provide our services.
45	Chipper Spreader	\$330,000	This item prevents further deterioration of the roadways and prevents the destruction and potholing caused by the natural breakdown of asphalt pavements. RMD anticipates a significant increase in chip sealing work throughout the County. Chip spreaders apply rock chips to road surface sealants to improve the roadway surface. The chip seal process is widely used and very few chip spreaders are available for rent.
46	Wheel Loader 3-cubic yard	\$265,000	This replacement item plays a major role in supporting the South Area's emergency storm operations, debris basin cleanouts, and cleaning channel inverts to help eradicate West Nile Virus.

**DEPARTMENT OF PUBLIC WORKS
FISCAL YEAR 2010-11 EQUIPMENT PURCHASES AT \$250,000 AND ABOVE**

Enclosure

ITEM NO.	DESCRIPTION	BUDGETED AMOUNT	JUSTIFICATION
47	Vactor Truck (Hydro and Vacuum)	\$430,000	This replacement item is needed to comply with State-mandated WDR. The primary need is for emergency response to sanitary sewer overflows, containing the overflow and returning it to the sewer during and after the overflow has been relieved. Secondary need is for support of daily maintenance operations including jetting and vacuuming main line sewers, as well as pump station.
TOTAL AMOUNT		\$17,232,000	

MS:ss

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12/06/10